

Notice of Allowability

Application No.

10/625,572

Applicant(s)

SHIGETA ET AL.

Examiner

Art Unit

LUN-YI LAO

2677

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 4/25/2005.
2. ☒ The allowed claim(s) is/are 22-45, renumber as 1-24.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☒ Certified copies of the priority documents have been received in Application No. 09/482,925.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

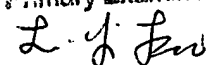
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 7/24/2003
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
- ☐ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other _____

Lun-Yi Lao
Primary Examiner



DETAILED ACTION

1. The following is an examiner's statement of reasons for allowance.

Shigeta et al(6,297,788) teach four kinds of light emitting patterns in the light emitting modes(A-D) can be applied to a plasma display(see figures 32B-32C; column 18, lines 55-68 and column 19, lines 1-5).

Nagakubo(5,757,343) teaches four luminance modes applied to a plasma display(see figures 1-3D).

Naka et al(6,014,258) teach a plasma display comprising a subfield arrangement including a portion of light emitting weight gradually decreases or increases.

Hirai et al(5,874,933) teach a display for displaying computer signals in a first mode and TV signals in a second mode(see figure 17 and column 16, lines 25-52).

None of the cited references teach a plasma display comprising a first drive pattern to be carried out by alternating, at intervals of the respective unit display period, first and second light-emission drive sequences which have ratios of the number of times of light-emission different from each other in the light-emission sustaining period of the respective N divided display periods, and a second drive pattern to be carried out alternating, at intervals of the respective unit display period, third and fourth light-emission drive sequences which have ratios of the number of times of light-emission different from each other in said light-emission sustaining period of the respective N divided display periods, and the first drive pattern and the second drive pattern are


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selectively executed in accordance with the type of the input vide signal, with all other limitation cited in claim 22.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lun-yi, Lao whose telephone number is (571) 272-7671.

December 10, 2005


Lun-yi Lao
Primary Examiner